

Work Order ID 84434

84434

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May-11-12 2:26:05 PM

Item ID: D2611
 Revision ID:
 Item Name: Bearing
 Start Date: 11/05/2012 Start Qty: 20.00
 Required Date: 25/05/2012 Req'd Qty: 20.00
 Reference:

Accept *N9000040100*
 Setup Start *NS1*
 Stop *NS2*
 Cust Item ID:
 Customer:

Approvals: Process Plan: MLJ Date: 12/05/11 Tooling:
 QC: Date: SPC (Y/N):

Run Start *NR1*
 Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D2611	Rev C

100 PURCHASING 0.00
 100
 Purchasing Memo 0.00
 Purchasing Issue P/O: 16972 Purchase part as per Dwg D2611 Possible supplier:
 McMasterP/N: 63215K34 Material release note required

CX 12/05/14 (20)

110 Receive & Inspect for Damage & Mat'l Certs 0.00
 110
 Packaging Memo 0.00
 Packaging Ensure certificate of conformity is attached

12/05/15 (20)

120 QC6- Inspect dimensions to drawing 0.00
 120
 QC Memo 0.00
 Quality Control

cut
 (x20) 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 84434

84434

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May-11-12 2:26:05 PM

Item ID: D2611 Accept
 Revision ID:
 Item Name: Bearing
 Start Date: 11/05/2012 Start Qty: 20.00 *20*
 Required Date: 25/05/2012 Req'd Qty: 20.00 *20*
 Reference:


N900040100 Setup Start *NS1*
 Stop *NS2*
 Cust Item ID:
 Customer:

Approvals: Process Plan: _____ Date: _____ Tooling: _____
 QC: _____ Date: _____ SPC (Y/N): _____

Run Start *NR1*
 Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours
130	Identify as per dwg & Stock Location: <u>ST 12</u>	0.00
130		
Packaging	Memo	0.00
Packaging		
140	QC21- Final Inspection - Work Order Release	0.00
140		
QC	Memo	0.00
Quality Control		

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
			20			SUC 12/5/15

12/5/16 

MF 12-05-16

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May-11-12 2:26:08 PM

Page 1

Work Order ID: 84434

84434

Parent Item: D2611

D2611

Parent Item Name: Bearing

Start Date: 11/05/2012

Required Date: 25/05/2012

Start Qty: 20.00

Required Qty: 20.00

Comments:

IPP Rev:B99.06.23Re-formatDM

Change to SS; Change Supplier- Rev.C 07.03.14 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
63215K34 *63215K34* Bearing		Purchased		No			Each	0.0000		20			
										**	10/2/5/15 (20)		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

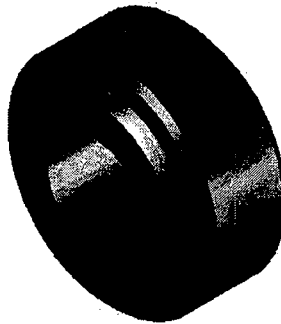
NOTE: Date & initial all entries

DART

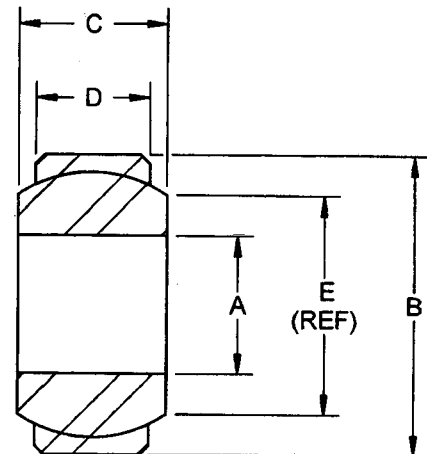
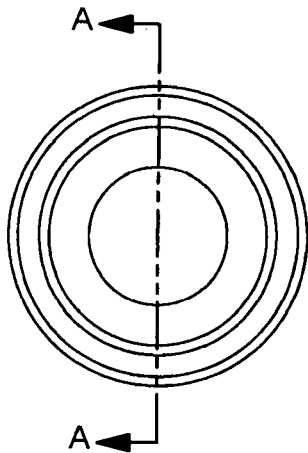
DESIGN GP	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D2611	REV. C SHEET 1 OF 1
DATE 06.09.20		TITLE BEARING	SCALE NTS
REV	DATE	DESCRIPTION	
A	97.07.31	NEW ISSUE	
B	01.07.04	RE-DRAWN	
C	06.09.20	CHANGE TO SS; CHANGE SUPPLIER	

SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 24434 MJS
12/05/11

**RELEASED**

06.11.17 H

**SECTION A-A**

A	B	C	D	E (REF)	POSSIBLE SUPPLIER
0.375	0.813	0.406	0.313	0.592	McMASTER-CARR P/N 63215K34

NOTES:

- 1) STAINLESS STEEL BALL JOINT SWIVEL BEARING
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO16972

Purchase Order Date 5/14/12

PO Print Date 5/14/12

Page Number 1 of 2

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name

Vendor Phone

330 995 5500

Vendor Fax

330 995 9600

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
5/14/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	6661K82	Bearing	5/16/12 Yes	4.00 Each	FedEx PI collect	\$9.7900	\$39.16
		Special Inst:	AS PER DWG D3742 REV. B B84431				
2	92311A599	SET SCREW	5/16/12 Yes	✓ 250.00 Each	FedEx PI collect	\$0.2248	\$56.20
		Special Inst:	AS PER DWG D2712 REV. B B84433				
3	63215K34	Bearing	5/16/12 Yes	20.00 Each	FedEx PI collect	\$17.2400	\$344.80
		Special inst:	AS PER DWG D2611 REV. C B84434				
4		92605A171 SCREW	5/16/12 Yes	1.00 Each	FedEx PI collect	\$9.0400	\$9.04

**CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY**

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 5/14/12



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Dan.P

Purchase Order
PO16972

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McMaster-Carr Number
4836834-01

05/14/2012

Line	Description	Ordered	Shipped
1	6661K82 Precision-Plus Steel Ball Bearing -- ABEC-1, Double Sealed Bearing No. 608 for 8 mm Shaft Diameter	4 Each	4
	Unit Price: \$10.19		
	Extended Price: \$40.76		
2	92311A599 Type 18-8 Stainless Steel Cup Point Socket Set Screw, 5/16"-24 Thread, 5/8" Length, Packs of 50	5 Packs	5
	Unit Price: \$10.06		
	Extended Price: \$50.30		
3	63215K34 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 3/8" ID, 13/16" OD, 13/32" Ball Thick	20 Each	20
	Unit Price: \$17.24		
	Extended Price: \$344.80		
4	92605A171 Metric 18-8 Stainless Steel Flat Point Socket Set Screw, M10 Size, 30MM Length, 1.5MM Pitch, Packs of 5	1 Pack	1
	Unit Price: \$9.04		
	Extended Price: \$9.04		

3 - 501 - 02 05 - 89 K82 4 EA 1

2 - 696 2

3 - 482 3

2 - 122 4

Dart Aerospace Ltd

EXP
INV

Sm
12x7x5



4 lbs
4 lines

FW1WBP33
05/14/2012
13:36/13:47
745
Cycle 44

1140376268021

